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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Complete if Known					
Application Number	09/602279				
Filing Date	06/23/00				
First Named Inventor	Enrique Musoll Adolfo M. Nemirovsky Mario D. Nemirovsky Narendra Sankar				
Group Art Unit	2182				
Examiner Name	Tammara R. Peyton				
Attorney Docket Number	MIPS.0168-00-US				

	U.S. PATENT DOCUMENTS							
Examin Cite	Cite	U.S. Patent Docume		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant		
er Initials	No.1	Number	Kind Code 2	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear		
	AA	5708814		Short et al	01/13/1998			
	AB	5724565		Dubey et al	03/03/1998			
	AC	6460105		Jones et al	10/01/2002	·		
	AD	6523109		Stephan G. Meier	02/18/2003			
	AE	6535905		Kalafatis et al	03/18/2003			
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Examiner Initials	Cite No.¹	Foreign Patent Doc Number <sup>4</sup>	ument Kind Code <sup>s</sup>	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear			
	ВА	WO 03/005645		Sampath et al	06/25/2002	•			
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							Narendra Sankar	
						Group Art Unit	2182	
						Examiner Name	Tammara R. Peyton	
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		OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	<b>T</b> <sup>2</sup>
	CA	MELVIN ET AL, "Extended Instruction Set for a Packet Processing Applications:, July 5, 2001, Disclosure Document #496559, USPTO	
	СВ	MUSOLL ET AL, "Hardware Algorithm for Allocating and De-Allocating Consecutive Blocks of Memory, " April 3, 2001, Disclosure Document #491557, USPTO	
	CC	MUSOLL ET AL, "Mechanism to Overflow Packets to a Software Controlled Memory When They Do Not Fit into a Hardware Controlled Memory, July 3, 2001, Disclosure Document #496391, USPTO	
	CD	MUSOLL ET AL, "Mechanism for Allowing a Limited Packet Head and/or Tail Growth Without Moving the Packet to a Different Memory Location," April 10, 2001, Disclosure Document #492429, USPTO	
	CE	MUSOLL ET AL, "Mechanism to Activate a Context When No Stream is Running in a Multi-Streaming Processing Core", April 16, 2001, Disclosure Decument #492431, USPTO	
•	CF	MUSOLL, ENRIQUE, "Functional Validation of a Packet Management Unit:, May 18, 2001, Disclosure Document #429011, USPTO	
	CG	SAMPATH ET AL, "Mechanism To Un-Speculatively Pre-Fetch Instructions From the Thread Associated to a Packet:, July 5, 2001, Disclosure Document #491527, USPTO	•
	СН	YAMAMOTO, WAYNE. An Analysis of Multistreamed, Superscalar Processor Architectures. University of California Santa Barbara Dissertation. December 1995. Santa Barbara, US.	
	CI	YAMAMOTO et al. "Increasing Superscalar Performance Through Multistreaming." Parallel Architectures and Compilation Techniques (PACT '95). 1995	<b>\</b>
	SO	The PowerPC Architecture: A Specification for a New Family of RISC Processors. 2 <sup>nd</sup> Ed. May 1994. pp. 70-72. Morgan Kaufmann. San Francisco, US.	<u>,</u>
	СК	MC68020 32-Bit Microprocessor User's Manual. 3 <sup>rd</sup> Ed., 1989, pp. 3-125, 3-126, and 3-127. Prentice Hall, NJ, US.	

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of

Complete if Known **Application Number** 09/602,279 Filing Date 06/23/2000 Mario Nemirovsky First Named Inventor Art Unit 2182 Tammara R. Peyten **Examiner Name** 

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			U. S. PATEN	T DOCUMENTS	
xaminer nitials*	Cite No.1	Document Number  Number-Kind Code <sup>2 (# known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		05 2001-0024456A1	09-2001	Zaun et al.	
		<sup>US-</sup> 6483804-B1	11-2002	Muller et al.	
		US- 6438135 B1	98-2002	Tzeng, Shrjie	
		US- 6219339	04-2001	Doshi et al.	RECEIVE
		US- 5809321 A	09/1998	Hansen et al.	
		US- 5737825	04-1998	Picazo et al.	APR 1 9 2004
		US-5619497 A	04-1997	Gallagher et al.	
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		<sup>US-</sup> 5465331 A	11-1995	Yang et al.	
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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Com	Complete if Known						
Application Number	09/602279						
Filing Date	06/23/00						
First Named Inventor	Enrique Musoll Adolfo M. Nemirovsky Mario D. Nemirovsky Narendra Sankar						
Group Art Unit	2182						
Examiner Name	Tamara Peyton						
Attorney Docket Number	MIPS.0168-00-US						

Examiner	Cite	U.S. Palent Do	cument	Name of Patentee or Applicant	Date of Publication of	Pages, Columns Lines, Where Relevan
Initials	No.	Number	Kind Code <sup>2</sup>	of Cited Document	Cited Document MM-DD-YYYY	Passagee of Relevant Figures Appear
<del> </del>	AA	5784649		Begur et al	07/21/1998	
	AB	6529515		Raz et al	03/04/2003	
	AC	6625808		Qavid R. Tarditi	09/23/2003	
<del></del>	AD	6640248		Jacob W. Jorgensen	10/28/2003	
<del> </del>	AE	6738371		Lawrence Ayres	05/18/2004	
	AF	6738378		Fuck, III et al	05/18/2004	
·	AG	6813268		Kalkunte et al	11/02/2004	
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Examiner	Cite	Foreign Patent	Document	Name of Patentee or Applicant	Date of Publication of	Pages Columns Lines Where Relevant	
Initials	No.1	Number <sup>4</sup>	Kind Code <sup>5</sup>	of Cited Document	Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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of

Complete if Known					
Application Number	09/602279				
Filing Date	6/23/00				
First Named Inventor	Enrique Musoll Adolfo M. Nemirovsky Mario D. Nemirovsky Narendra Sankar				
Group Art Unit	2182				
Examiner Name	Tammara R. Peyton				
Attorney Docket Number	MIPS.0168-00-US				

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Examiner Initials	Cite No. <sup>1</sup>	Number	Kind Code <sup>2</sup>	Name of Patentee or Applicant of Cited Document	Ciled Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	AA	6381242		Maher et al	04/30/2002	
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FOREIGN PATENT DOCUMENTS							
Examiner	Cite	Foreign Patent Document		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant	
Initials	No.'	Number <sup>4</sup>	Kind Code <sup>5</sup>	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear	
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Signature	Considered	

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Substitute for form 1449A/P	10			Application Number	09602279	
INFORM	ATION DIS	CLOSUR	RE	Filing Date	6/23/2000	
STATEM	STATEMENT BY APPLICANT			First Named Inventor	Mario D. Nemirovsky	
			. •	Group Art Unit	2182	
(use as	many sheets as	necessary		Examiner Name	Tammara R. Peyton	
Sheet	1	of	3	Attorney Docket Number	MIPS.0168-00-US	

	·		U.S. PATENT	DOCUMENTS	
Examiner Initials*	Cite No.1	Document Number  Number-Kind Code <sup>2(if known)</sup>	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
Der		5465331	11-07-1995	Yang et al.	
1		5521916	05-28-1996	Choudhury et al.	
		5619497	04-08-1997	Gallagher et al.	
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V		20010043610	11-22-2001	Nemirovsky et al.	

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Substitute for form 1449A/P	10			Application Number	09602279	
INFORM	ATION DIS	<b>CLOSUF</b>	RE	Filing Date	6/23/2000	
STATEM	ENT BY A	PPLICAN	NT	First Named Inventor	Mario D. Nemirovsky	
				Group Art Unit	2182	
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. Sheet	2	of	3	Attorney Docket Number	MIPS.0168-00-US	

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Initials*	No. <sup>1</sup>	Number-Kind Code <sup>2(if known)</sup> MM-DD-YYYY		Applicant of Cited Document	Relevant Passages or Relevant Figure Appear			
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Examiner	Chan Duna	Date	9/20/07 9/20/07
Signature	Jammy ust	Considered	9/0/07, 9/24/0/

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Sheet	3	of	3	Attorney Docket Number	MIPS.0168-00-US	

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140		MELVIN ET AL., "Extended Instruction Set for a Packet Processing Applications," July 5, 2001, Disclosure Document #496559, USPTO						
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V		MC68020 32-Blt Microprocessor User's Manual. 3 <sup>rd</sup> Ed 1989. pp. 3-125, 3-126, and 3-127. Prentice Hall, NJ, US.						
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Substitute for form 1449A/PTO				Application Number	09602279
INFORMATION DISCLOSURE				Filing Date	6/23/2000
STATEM	STATEMENT BY APPLICANT			First Named Inventor	Mario D. Nemirovsky
				Group Art Unit	2182
(use as many sheets as necessary				Examiner Name	Tammara R. Peyton
Sheet	1	of	1	Attorney Docket Number	MIPS.0168-00-US

	-		U.S. PATENT	DOCUMENTS	
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*		MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
		20060153197	07-13-2006	Nomirovsky et al.	
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		6247040	06-12-2001	Bern et al.	
		20060215679	09-28-2006	Musell et al.	
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SUD		6965982	11-15-2005	Shashank Nemawarkar	

	FOREIGN PATENT DOCUMENTS								
Examiner Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	т6				
initials*	No.¹	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	<u> </u>			
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Sheet	1	of	1	Attorney Docket Number	MIPS.0168-00-US	

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Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures	
Initiais*	No.1	Number-Kind Code <sup>2(if known)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear	
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Initials*	No.¹	Country Code <sup>3</sup> - Number <sup>4</sup> - Kind Code <sup>5</sup> (# known)	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear				
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